

Since the early 1980's INTEGRA has been the leading provider of subset tensioning equipment in the Gulf of Mexico. The offshore subsea environment demands tools that will be reliable, safe and easy to operate and the INTEGRA SEAStallion™ has been designed to meet these needs.

### FEATURES

#### SCALLOPED SPLIT REACTION NUT

The unique SEAStallion™ split reaction nut is scalloped for better grip and confident handling - ideal for damaged nuts.

#### EXTENDED PISTON STROKE

30mm piston stroke on the SS2 through the SS7 allows for tensioning on numerous flanges without retracting the ram.

#### PISTON OVER STROKE PREVENTION

A stroke indicator on the ram allows for use of maximum stroke without over stroking the ram or losing oil pressure

#### COMPACT DESIGN AND TOOL RANGE

Not only is the SEAStallion™ small and light you only need 7 tools to cover a full range of flange sizes.

#### SIMPLE HOSE CONNECTIONS

Dual ports eliminate the need for a tee block

#### HIGHER BOLT LOADS ARE NOW POSSIBLE

Maximum operating pressure of 21,750 psi

#### CORROSION RESISTANCE

Stainless steel components



**SERVICE**

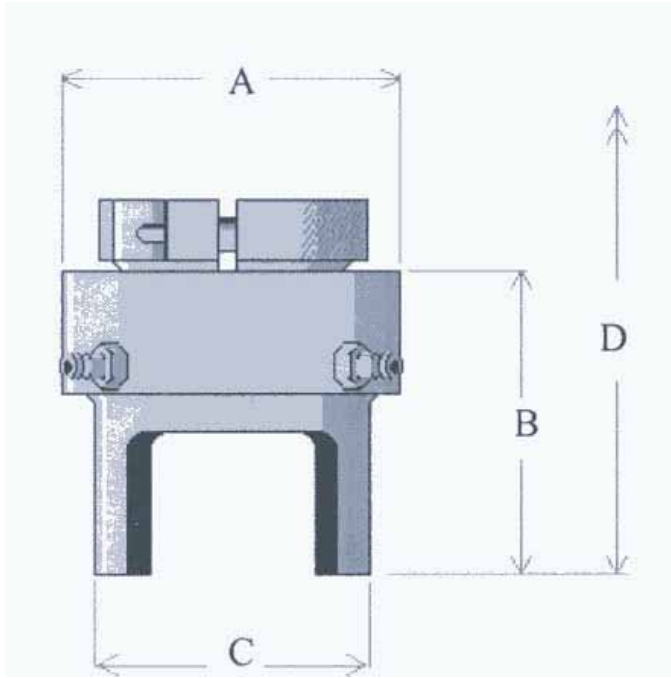
**RENTAL**

**SALES**

***Bolting The World's Critical Joints***

**1-800-779-2658**

**[www.integratechnologies.com](http://www.integratechnologies.com)**



### FEATURES

Quick Reaction Nut  
Piston misalignment compensation  
Fits standard ANSI and API flanges.

### TECHNICAL DATA

|                            |                      |              |
|----------------------------|----------------------|--------------|
| Piston Stroke              | SS1                  | 0.79" (20mm) |
|                            | SS2 to SS7           | 1.2" (30mm)  |
| Maximum Operating Pressure | 21750 psi (1500 bar) |              |

| TOOL REF. | BOLT DIAMETER              |                                 | TOOL LOAD |      | TOOL HYD. AREA  |                 | A Dia | B (in.) | C a/f (in.) | MINIMUM BOLT PROTRUSION (Above Nut) |                                 | D (in.) |
|-----------|----------------------------|---------------------------------|-----------|------|-----------------|-----------------|-------|---------|-------------|-------------------------------------|---------------------------------|---------|
|           | Imperial                   | Metric                          | Tonf.     | kN   | in <sup>2</sup> | mm <sup>2</sup> |       |         |             | Imp (in)                            | Met (mm)                        |         |
| SS1       | 3/4"<br>7/8"               | M20<br>M22                      | 14.05     | 140  | 1.45            | 934             | 2.60  | 3.82    | 1.89        | 4.09<br>3.98                        | 107<br>105                      | 8.98    |
| SS2       | 1"<br>1-1/8"               | M24<br>M27<br>M30               | 24.09     | 240  | 2.48            | 1600            | 3.23  | 5.02    | 2.36        | 5.24<br>5.12                        | 139<br>136<br>134               | 11.65   |
| SS3       | 1-1/4"<br>1-3/8"           | M33<br>M36                      | 38.14     | 380  | 3.93            | 2534            | 3.82  | 5.39    | 3.03        | 5.35<br>5.24                        | 142<br>139                      | 12.17   |
| SS4       | 1-1/2"<br>1-5/8"           | M39<br>M42                      | 55.20     | 550  | 5.69            | 3668            | 4.37  | 5.75    | 3.54        | 5.51<br>5.35                        | 147<br>144                      | 12.68   |
| SS5       | 1-3/4"<br>1-7/8"<br>2"     | M45<br>M48<br>M52               | 88.32     | 880  | 9.10            | 5868            | 5.35  | 6.22    | 4.49        | 5.94<br>5.83<br>5.71                | 160<br>158<br>154               | 13.46   |
| SS6       | 2-1/4"<br>2-1/2"<br>2-3/4" | M56<br>M60<br>M64<br>M68<br>M72 | 156.56    | 1561 | 16.14           | 10411           | 6.97  | 7.11    | 5.51        | 6.54<br>6.30<br>6.06                | 178<br>175<br>172<br>169<br>165 | 14.72   |
| SS7       | 3"<br>3-1/4"<br>3-1/2"     | M76<br>M80<br>M85<br>M90        | 258.43    | 2575 | 26.63           | 17176           | 8.54  | 7.95    | 7.09        | 7.13<br>6.89<br>6.65                | 195<br>192<br>188<br>184        | 16.10   |

*Dimensions and data subject to change without notice. Dimensions 'D' includes an allowance for tool removal after bolt tightening with full stroke (piston extended)*